

FORM PTO 1390 (REV 5-93) US DEPARTMENT OF COMMERCE PATENTS AND TRADEMARK OFFICE		ATTORNEY DOCKET NUMBER 2004_1501A
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. §371		
International Application No. JP03/03885	International Filing Date March 27, 2003	U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/509,427
Priority Date Claimed March 27, 2002		
Title of Invention NI-BASE DIRECTIONALLY SOLIDIFIED AND SINGLE-CRYSTAL SUPERALLOY		
Applicant(s) For DO/EO/US Toshiharu KOBAYASHI; Yutaka KOIZUMI; Tadaharu YOKOKAWA; Hiroshi HARADA; Yasuhiro AOKI; and Shouju MASAKI.		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
1. <input type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. §371. 2. <input checked="" type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. §371. 3. <input type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. §371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. §371(b) and PCT Articles 22 and 39(1). 4. <input type="checkbox"/> A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date. 5. <input type="checkbox"/> A copy of the International Application as filed (35 U.S.C. §371(c)(2)) a. <input type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau). b. <input type="checkbox"/> has been transmitted by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US) 6. <input type="checkbox"/> A translation of the International Application into English (35 U.S.C. §371(c)(2)). 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. §371(c)(3)). a. <input type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau). b. <input type="checkbox"/> have been transmitted by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> A translation of the amendments to the claims under PCT Article 19. 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. §371(c)(4)). ATTACHMENT G 10. <input type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. §371(c)(5)).		
Items 11. to 14. below concern other document(s) or information included:		
11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.		
ATTACHMENT H		
13. <input type="checkbox"/> A FIRST preliminary amendment. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment. 14. <input type="checkbox"/> Other items or information:		

U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/509,427	INTERNATIONAL APPLICATION NO. JP03/03885	ATTORNEY'S DOCKET NO. 1501A				
15. [X] The following fees are submitted		<table border="1"> <tr> <td>CALCULATIONS</td> <td>PTO USE ONLY</td> </tr> <tr> <td colspan="2"></td> </tr> </table>	CALCULATIONS	PTO USE ONLY		
CALCULATIONS	PTO USE ONLY					
BASIC NATIONAL FEE (37 CFR 1.492(a)(1)-(5)): Neither international preliminary examination fee nor international search fee paid to USPTO and International Search Report not prepared by the EPO or JPO \$1110.00 International Search Report has been prepared by the EPO or JPO \$ 950.00 International preliminary examination fee not paid to USPTO but international search paid to USPTO \$ 790.00 International preliminary examination fee paid to USPTO but claims did not satisfy provisions of PCT Article 33(1)-(4) \$ 690.00 International preliminary examination fee paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) \$ 100.00						
ENTER APPROPRIATE BASIC FEE AMOUNT =		\$0				
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input checked="" type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).		\$				
Claims	Number Filed	Number Extra	Rate			
Total Claims	-20 =		X \$18.00	\$		
Independent Claims	- 3 =		X \$88.00	\$		
Multiple dependent claim(s) (if applicable)			+ \$300.00	\$		
TOTAL OF ABOVE CALCULATIONS =		\$0				
[] Small Entity Status is hereby asserted. Above fees are reduced by 1/2.		\$				
SUBTOTAL =		\$0				
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input checked="" type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).		+ \$130.00				
TOTAL NATIONAL FEE =		\$130.00				
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property +		\$40.00				
TOTAL FEES ENCLOSED =		\$170.00				
11/22/2004 SNAJARRO 00000048 10509427 01 FC:1618 130.00 OP		11/29/2004 WOLVARAD 000 Sale Ref: 00000003 DAM: 230975 10509427 01 FC:1618 100	Amount to be refunded to: \$ Amount to be charged: \$			
a. [X] A check in the amount of \$170.00 to cover the above fees is enclosed. A duplicate copy of this form is enclosed. b. [] Please charge my Deposit Account No. 23-0975 in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed. c. [X] The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>23-0975</u> .						
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.						
19. CORRESPONDENCE ADDRESS		By: <u>Matthew M. Jacob</u> Matthew M. Jacob, Registration No. 25,154 WENDEROTH, LIND & PONACK, L.L.P. 2033 "K" Street, N.W., Suite 800 Washington, D.C. 20006-1021 Phone: (202) 721-8200 Fax: (202) 721-8250 November 18, 2004				
CUSTOMER NO. 000513 date: 11/29/2004 WOLVARAD SNAJARRO 00000048 10509427 -130.00 OP 1/29/2004 WOLVARAD 00000002 10509427 1 FC:1617		130.00 OP THE COMMISSIONER IS AUTHORIZED TO CHARGE ANY DEFICIENCY IN THE FEES FOR THIS PAPER TO DEPOSIT ACCOUNT NO. 23-0975				
		[CHECK NO. <u>15012</u>] [2004_1501A]				